

T04_802.11b_CH11_Back of Keyboard_0cm_ANT 1**DUT: Notebook;**

Communication System: UID 0, 802.11b (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 2.019$ S/m; $\epsilon_r = 51.426$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7) @ 2462 MHz; Calibrated: 2018-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (interpolated) = 0.212 W/kg

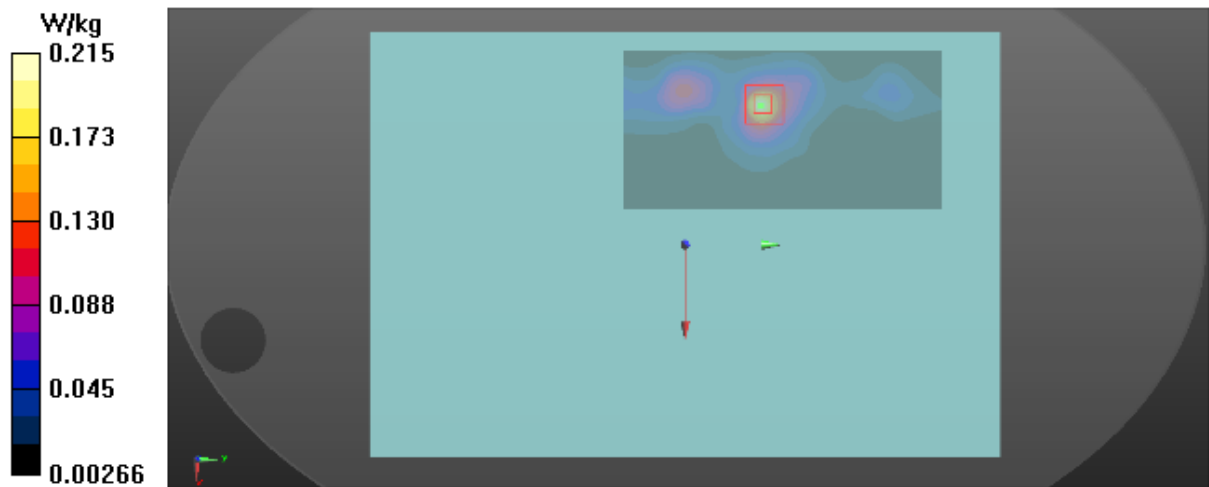
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.9930 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.086 W/kg

Maximum value of SAR (measured) = 0.215 W/kg



T06_802.11b_CH6_Back of Keyboard_0cm_ANT 2**DUT: Notebook;**

Communication System: UID 0, 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.989$ S/m; $\epsilon_r = 51.509$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7) @ 2437 MHz; Calibrated: 2018-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (interpolated) = 0.211 W/kg

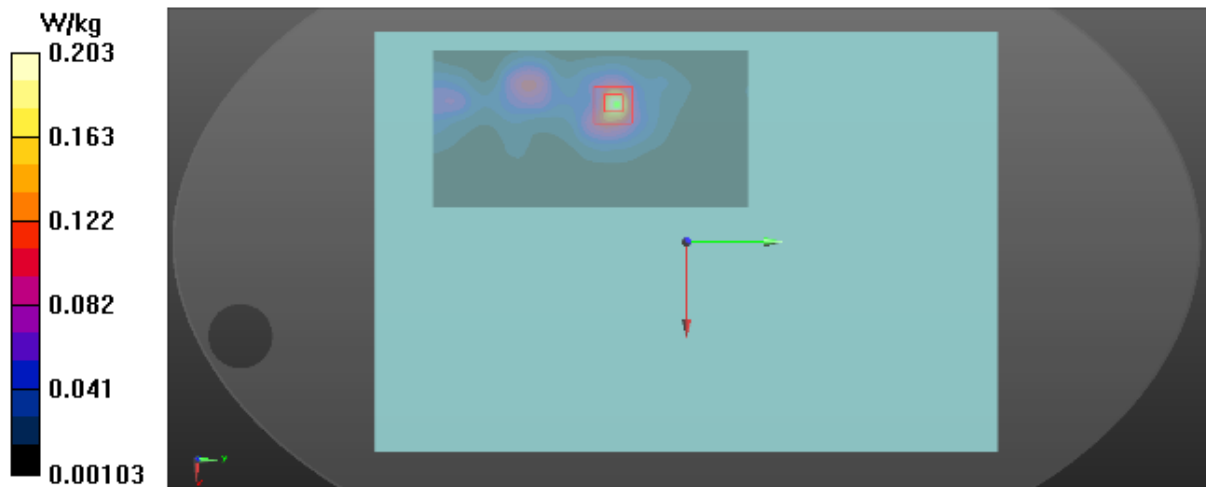
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.03300 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.081 W/kg

Maximum value of SAR (measured) = 0.203 W/kg



T14_BT_DH5_CH78_Back of Keyboard_0cm_ANT 1**DUT: Notebook;**

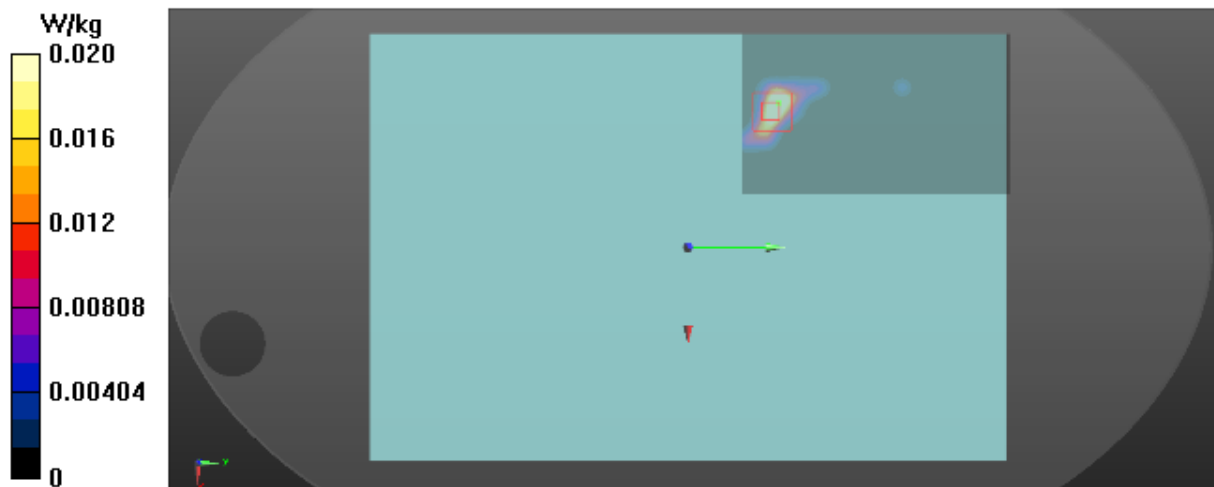
Communication System: UID 0, BT (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 2.043$ S/m; $\epsilon_r = 51.363$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7) @ 2480 MHz; Calibrated: 2018-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x13x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (interpolated) = 0.0352 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 0.4470 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.0360 W/kg
SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00849 W/kg
Maximum value of SAR (measured) = 0.0202 W/kg



T19_802.11a_CH64_Back of Keyboard_0cm_ANT 1**DUT: Notebook;**

Communication System: UID 0, 802.11a (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320$ MHz; $\sigma = 5.502$ S/m; $\epsilon_r = 47.029$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(5.05, 5.05, 5.05) @ 5320 MHz; Calibrated: 2018-05-29
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x16x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (interpolated) = 1.48 W/kg

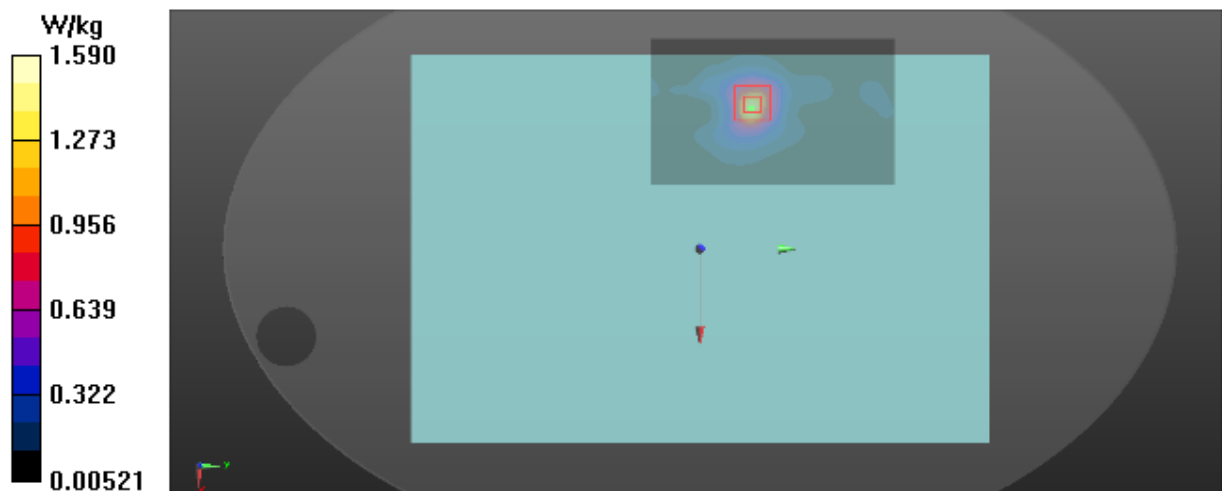
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0 dB

Peak SAR (extrapolated) = 3.89 W/kg

SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.325 W/kg

Maximum value of SAR (measured) = 1.59 W/kg



T21_802.11a_CH64_Back of Keyboard_0cm_ANT 2**DUT: Notebook;**

Communication System: UID 0, 802.11a (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320$ MHz; $\sigma = 5.502$ S/m; $\epsilon_r = 47.029$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(5.05, 5.05, 5.05) @ 5320 MHz; Calibrated: 2018-05-29
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x16x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (interpolated) = 1.33 W/kg

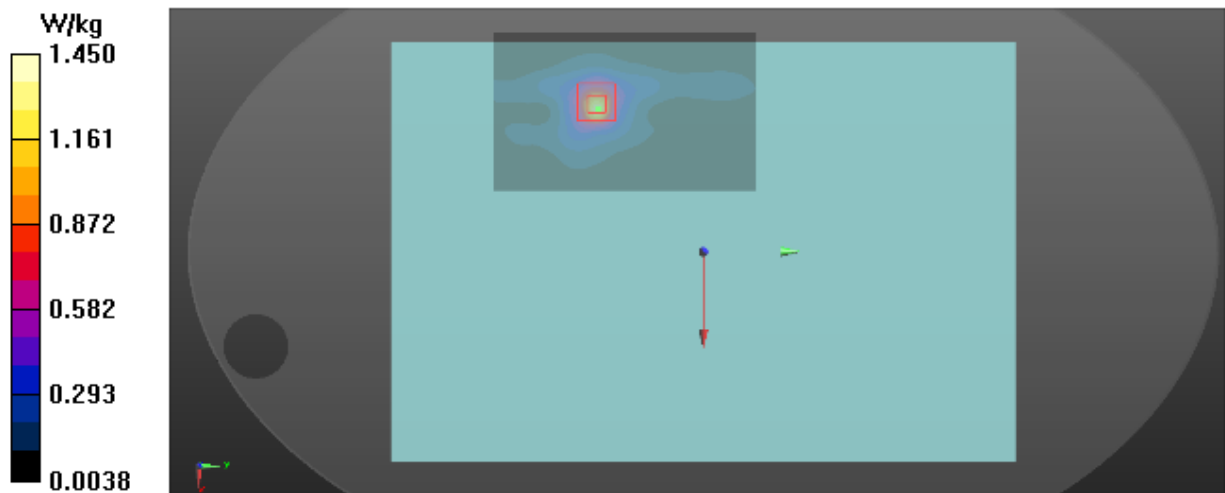
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0.4390 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.69 W/kg

SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.277 W/kg

Maximum value of SAR (measured) = 1.45 W/kg



T26_802.11a_CH140_Back of Keyboard_0cm_ANT 1**DUT: Notebook;**

Communication System: UID 0, 802.11a (0); Frequency: 5700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5700$ MHz; $\sigma = 6.043$ S/m; $\epsilon_r = 46.365$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.38, 4.38, 4.38) @ 5700 MHz; Calibrated: 2018-05-29
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x16x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (interpolated) = 2.07 W/kg

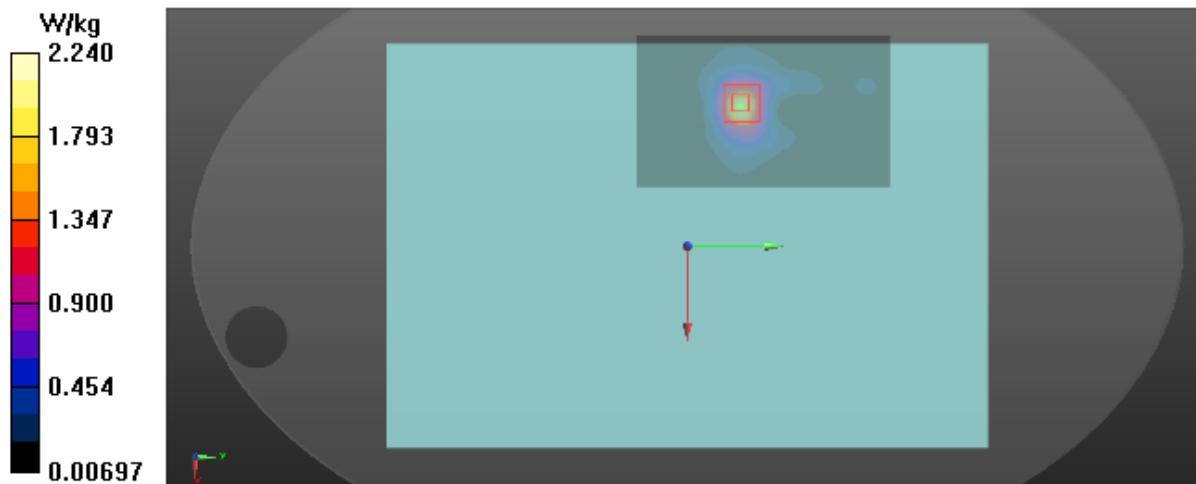
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0.4440 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 6.15 W/kg

SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.429 W/kg

Maximum value of SAR (measured) = 2.24 W/kg



T34_802.11a_CH140_Back of Keyboard_0cm_ANT 2**DUT: Notebook;**

Communication System: UID 0, 802.11a (0); Frequency: 5700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5700$ MHz; $\sigma = 6.043$ S/m; $\epsilon_r = 46.365$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.38, 4.38, 4.38) @ 5700 MHz; Calibrated: 2018-05-29
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x16x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (interpolated) = 1.70 W/kg

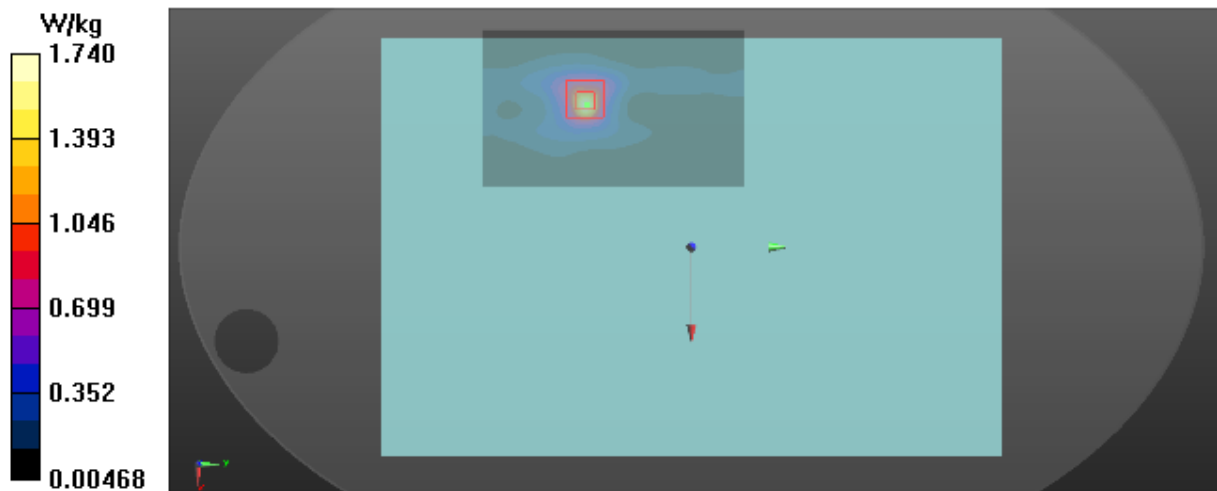
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0 dB

Peak SAR (extrapolated) = 4.79 W/kg

SAR(1 g) = 0.946 W/kg; SAR(10 g) = 0.334 W/kg

Maximum value of SAR (measured) = 1.74 W/kg



T36_802.11a_CH161_Back of Keyboard_0cm_ANT 1**DUT: Notebook;**

Communication System: UID 0, 802.11a (0); Frequency: 5805 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5805$ MHz; $\sigma = 6.192$ S/m; $\epsilon_r = 46.163$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.5, 4.5, 4.5) @ 5805 MHz; Calibrated: 2018-05-29
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x16x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (interpolated) = 2.24 W/kg

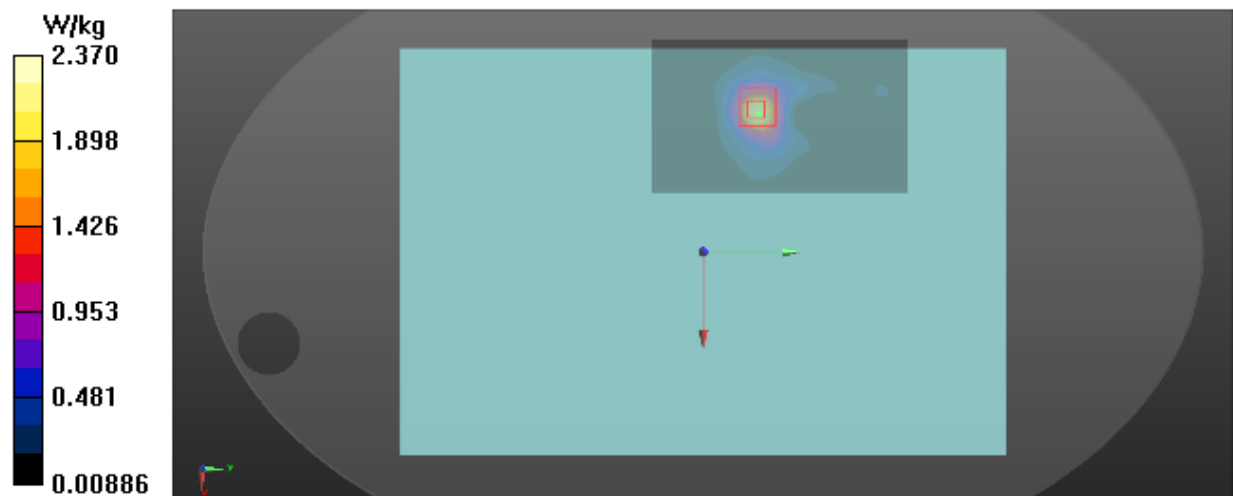
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0.2240 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 6.76 W/kg

SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.482 W/kg

Maximum value of SAR (measured) = 2.37 W/kg



T43_802.11a_CH165_Back of Keyboard_0cm_ANT 2**DUT: Notebook;**

Communication System: UID 0, 802.11a (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5825$ MHz; $\sigma = 6.21$ S/m; $\epsilon_r = 46.142$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.5, 4.5, 4.5) @ 5825 MHz; Calibrated: 2018-05-29
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x16x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (interpolated) = 2.19 W/kg

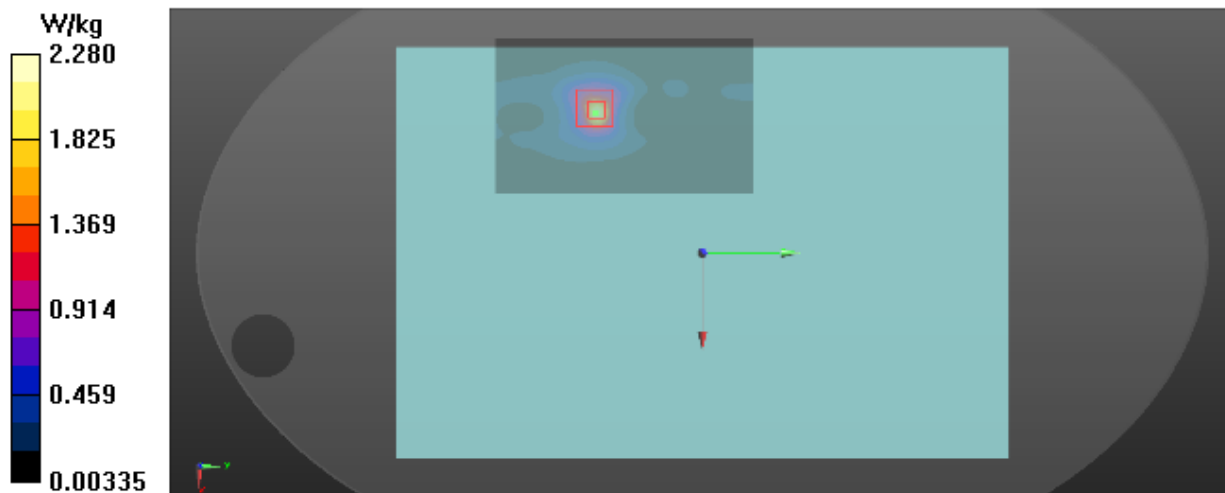
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0.3940 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 6.44 W/kg

SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.411 W/kg

Maximum value of SAR (measured) = 2.28 W/kg



T54_802.11a_CH166_Back of Keyboard_0cm_ANT MIMO**DUT: Notebook;**

Communication System: UID 0, 802.11a (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5825$ MHz; $\sigma = 6.21$ S/m; $\epsilon_r = 46.142$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.5, 4.5, 4.5) @ 5825 MHz; Calibrated: 2018-05-29
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn536; Calibrated: 2018-10-15
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x22x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (interpolated) = 1.40 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 1.384 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 4.34 W/kg
SAR(1 g) = 0.852 W/kg; SAR(10 g) = 0.316 W/kg
Maximum value of SAR (measured) = 1.52 W/kg

Zoom Scan (7x7x12)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 1.384 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 3.64 W/kg
SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.236 W/kg
Maximum value of SAR (measured) = 1.20 W/kg

